

## *10 PM Current Affairs Quiz Compilation*

18 Oct to 23 Oct, 2021

## 10 PM Compilation for the Month of October (Third Week), 2021

### International Relations

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**Q.1) Global TB report** is released by which of the following organisation?

- a) World Health Assembly
- b) World Health Organization (WHO)
- c) Health For All
- d) Doctors Without Borders/Médecins Sans Frontières (MSF)

**Correct Answer: B**

**Explanation:**

World Health Organization (WHO) released “Global TB report” which stated that the world suffered huge reverses in progress towards tuberculosis (TB) elimination in 2020, due to COVID-19 pandemic. India has been the worst-hit.

But India also contributed the biggest drop in detection of new cases. Some 41% of the total number of cases that dropped in 2020, as compared to 2019, came from India.

Read more: [COVID-19 reverses decades of progress in TB elimination, India worst-hit: WHO](#)

**Q.2) With reference to Global Hunger Index**, consider the following statements:

- 1. India’s score on the Global Hunger Index (GHI) in the recent two decades has declined by 10 points.
- 2. Globally, India ranked among the worst in ‘child wasting’ or ‘weight for height’.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation:**

**Both the statements are correct.**

India’s score on the Global Hunger Index (GHI) in the recent two decades has declined by 10 points. It slipped to 28.8 in 2021, from 38.8 in 2000.

Globally, India ranked among the worst in ‘child wasting’ or ‘weight for height’. Its performance was worse than Djibouti and Somalia.

Read more: [India slips 7 spots to rank 101 among 116 countries on Global Hunger Index](#)

**Q.3) With reference to International Energy Agency**, consider the following statements:

- 1. It was established based on the framework of the Organisation for Economic Co-operation and Development (OECD).
- 2. The IEA releases World Energy Outlook.
- 3. India is a fulltime member of IEA.

**Which of the statements given above is/are correct?**

- a) 2 and 3 only
- b) 3 only
- c) 2 only
- d) 1 and 2 only

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**Correct Answer: D**

**Explanation:**

**Statement 1 is correct:** It was established in the framework of the Organisation for Economic Co-operation and Development (OECD) in 1974 in the wake of the 1973 oil crisis.

**Statement 2 is correct:** IEA is best known for the publication of its annual World Energy Outlook.

**Statement 3 is incorrect:** Recently, the International Energy Agency (IEA) has invited India to become its full-time member. If accepted, India will have to raise strategic oil reserves to 90 days' requirement.

**Source :** [Economic Times](#)

**Q.4) Exercise Yudh Abhyas**, a military exercise, is held between India and which of the following country:

- a) Russia
- b) USA
- c) Sri Lanka
- d) Indonesia

**Correct Answer B**

**Explanation:**

**Statement b is correct:** Exercise Yudh Abhyas is the largest running joint military training and defence cooperation endeavor between India and the USA. The exercise was started in 2004 under the US Army Pacific Partnership Program. The exercise is hosted alternately between both countries. The exercise aims at enhancing understanding, cooperation and interoperability between two Armies.

**Source:** [Indian Army Contingent Departs for 17th Edition of Indo-US Joint Military Exercise "Ex Yudh Abhyas 2021" at Joint Base Elmendorf – Richardson, Alaska\(USA\)](#)

**Q.5) With reference to International Finance Corporation (IFC)**, consider the following statements:

1. IFC offers investment, advisory, and asset management services to encourage private sector development in developing countries.
2. The IFC is owned and governed by the OECD officials.
3. It is a member of the World Bank Group and is headquartered in Washington, D.C., United States.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 3 only
- c) 2 only
- d) 1 and 2 only

**Correct Answer: A**

**Explanation:**

The IFC has a stake in Federal Bank Ltd. Recently, the IFC demanded that India's 7th largest commercial bank should put a stop to coal financing.

**Statement 1 is correct:** IFC offers investment, advisory, and asset management services to encourage private sector development in developing countries.

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**Statement 2 is incorrect:** The IFC is owned and governed by its member countries, but has its own executive leadership and staff that conduct its normal business operations.

**Statement 3 is correct:** It is a member of the World Bank Group and is headquartered in Washington, D.C., United States.

Source: [Down To Earth](#)

**Q.6)** With reference to **Exercise Cambrian Petrol**, consider the following statements:

1. It is held annually by USA army.
2. Indian Army won the gold medal under this exercise.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer B**

**Explanation:**

**Statement 1 is incorrect:** It is organized by the UK Army. It is considered as the ultimate test of human endurance, team spirit and is sometimes referred to as the Olympics of Military Patrolling among militaries in the world.

**Statement 2 is correct:** A team from Gorkha Rifles (Frontier Force) which represented the Indian Army at the prestigious Cambrian Patrol Exercise at Brecon, Wales, UK has been awarded a Gold medal.

**Source:** [INDIAN ARMY TEAM WINS GOLD MEDAL IN EXERCISE CAMBRIAN PATROL ORGANISED AT BRECON, WALES \(UK\)](#)

**Q.7)** With reference to **Henley Passport Index**, consider the following statements:

1. It is the ranking of world's passport according to the number of destinations their holders can visit without a prior visa.
2. Ranking is based on data provided by International Air Transport Association.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer C**

**Explanation:**

**Statement 1 is correct:** Henley Passport Index (HPI) was started in 2006 as Henley & Partners Visa Restrictions Index (HVRI) and was modified and renamed in January 2018. The index ranks the passports of countries according to the number of destinations their holders can visit without a prior visa.

**Statement 2 is correct:** The rankings are based on the analysis of data provided by the International Air Transport Association (IATA).

**Source:** [World's most powerful passports as per Henley's Index; India at 90th spot](#)

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**Q.8) Washington Consensus sometimes seen in news is related to?**

- a) Carbon neutrality targets
- b) Prevention of nuclear proliferation
- c) Permanent membership of Security Council
- d) Free market economy

**Correct Answer: D**

**Explanation:**

- The Washington Consensus refers to a set of broadly free market economic ideas, supported by prominent economists and international organizations, such as the IMF, the World Bank, the EU and the US. It was drawn from the advice of John Williamson

**Source:** [Article](#)

**Q.9) With reference to Earth shot Prize, consider the following statements:**

1. The award is also called as the “Eco Oscars”.
2. It is an award set up by Prince William and the Royal Foundation.
3. The award recognizes nations alone for developing for developing solutions to fight the climate crisis.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 3 only
- c) 2 only
- d) 1 and 2 only

**Correct Answer: D**

**Explanation:**

**Statement 1 is correct:** The award is also called as the “Eco Oscars”.

**Statement 2 is correct:** It is an award set up by Prince William and the Royal Foundation.

**Statement 3 is incorrect:** The objective of the award is to honour five finalists between 2021 and 2030 for developing solutions to fight the climate crisis.

Delhi-based company Takachar is one among five winners of the first-ever Earth shot Prize. They won the prize in the “Clean Our Air” category for their technology to create fuel, fertiliser and other speciality chemicals from agricultural waste.

Source: [Delhi company bags ‘Eco Oscar’ for clean-air technology](#)

**Q.10) Which of the following countries are members of Abrahamic Accord:**

- a) Qatar, UAE and Bahrain
- b) Israel, Palestine and USA
- c) Iran, Israel and Saudi Arabia
- d) Israel, UAE and Bahrain

**Correct Answer D**

**Explanation:**

**Statement d is correct:** The Abraham Accord between Israel, the United Arab Emirates, and Bahrain is mediated by the USA. It is the first Arab-Israeli peace deal in 26 years.

**Significance of this accord:** The agreement shows how the Arab countries are gradually decoupling themselves from the Palestine question.

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- Palestine was among former Ottoman territories placed under UK administration by the League of Nations in 1922. All of these territories eventually became fully independent States, except Palestine.
- Full diplomatic ties will be established between Israel, the United Arab Emirates and Bahrain which will have a positive impact on the entire region.
- The deal buys UAE a lot of goodwill in the US, where its image has been tarnished by its involvement in the

**Q.11) Which of the following countries are members of OPEC+?**

1. Russia
2. Mexico
3. Oman
4. Kazakhstan
5. Azerbaijan

**Select the correct answer from the codes given below:**

- a) 1, 2, 3
- b) 1, 2, 4, 5
- c) 2, 3, 5
- d) 1, 2, 3, 4, 5

**Correct Answer: D**

**Explanation**

**All countries are members of OPEC+.**

- OPEC plus countries include **Azerbaijan**, Bahrain, Brunei, **Kazakhstan**, Malaysia, **Mexico, Oman, Russia**, South Sudan and Sudan.

**Source:** [Article](#)

**Q.12) With reference to Troika Plus, consider the following statements:**

1. It is the meeting led by US, Russia, China and Pakistan on Afghanistan peace process along with Afghanistan representatives.
2. India is also the member of Troika Plus.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation**

**Statement 1 is correct:** Troika-plus-Pakistan meeting involves consultations between the US, Russia, China, Pakistan along with the representatives of the Afghanistan government, Taliban, and other senior Afghan leaders. It aims to reduce the level of violence and to end the armed conflict in Afghanistan.

**Statement 2 is incorrect:** India is not the member of this meeting.

**Source:** [Is the Indian foreign-policy ship changing course?: About India-Afghanistan relations](#)



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**Q.13) With reference to Rapid Alert System for Food and Feed (RASFF), consider the following statements:**

1. It is a notification system operated by the Food and Agriculture Organisation.
2. Vital information exchanged through RASFF can lead to products being recalled from the market.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

- Statement 1 is incorrect: RASFF is operated by European Commission.
- Statement 2 is correct

**Source:** [Article](#)

**Q.14) With reference to Financial Action Task Force, consider the following statements:**

1. It is an inter-governmental body established by G20 Countries.
2. Its Secretariat is located at the Organisation for Economic Cooperation and Development (OECD) headquarters in Paris.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** FATF is an inter-governmental body established in 1989 during the G7 Summit in Paris.

**Statement 2 is correct:** Its Secretariat is located at the Organisation for Economic Cooperation and Development (OECD) headquarters in Paris.

**Source:** [The Hindu](#)

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### Science and Technology

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**Q.1)** Consider the following pairs

**Mission - Asteroid**

1. Mission Lucy - Jupiter Trojan asteroids
2. Hayabusa mission - Bennu
3. OSIRIS-REX - Ryugu

Select the correct answer using the codes given below.

- a) 1 and 3 only
- b) 1 only
- c) 2 only
- d) 1, 2 and 3

**Correct Answer: B**

**Explanation:**

**Pairs 2 and 3 are interchanged.**

**Mission - Asteroid**

1. Mission Lucy - Jupiter Trojan asteroids
2. Hayabusa mission - Ryugu
3. OSIRIS-REX - Bennu

Read more: [Why Nasa is launching robo archaeologist named Lucy](#)

**Q.2)** With reference to Geospatial Energy map of India, consider the following statements:

1. It provides a holistic picture of all energy resources of the country.
2. Map has been developed by NIC in collaboration with ISRO.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

- **Statement 1 is correct**
- **Statement 2 is incorrect:** Map has been developed by NITI Aayog and ISRO.

**Source:** [Article](#)

**Q.3)** Miniaturization of satellites will lead to which of the following effects?

1. Reduced latency
2. High resolution images
3. Sustained mass production

**Select the correct answer from the codes given below:**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 1, 2 and 3



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**Correct Answer: d**

**Explanation:**

Miniaturization of satellites will have following benefits:

- **Reduced Latency:** Smaller satellites orbit closer to the earth and are more flexible than larger ones. Proximity to earth means that the transmission time of data to the base station is faster.
- **Saves Energy:** The energy required to run such satellites is lower.
- **Produce High resolution images:** As camera technology has also miniaturised, the satellites can take much better photos of the earth with higher resolution than large satellites which orbit much higher.
- **Ease of Maintenance:** Since the cost is lower, these can be replaced easily, or their software updated more efficiently.
- **Sustained Mass production:** Miniaturised satellites allow for cheaper designs and advancements in industrial technologies enable their mass production.
- **Better alternative:** Startups develop small satellites that enable space companies to conduct missions that are difficult with large satellites. Moreover, small satellites are well-suited for use in proprietary wireless communications networks, as well as for scientific observation, data gathering, and monitoring the earth using the GPS.

**Source:** [Article](#)

**Q.4)** With reference to **Hypersonic glide vehicle (HGV) missiles**, consider the following statements:

1. India at present have an indigenous hypersonic glide vehicle missile.
2. HGVs like ballistic missiles follow a fixed parabolic trajectory.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: D**

**Explanation:**

**Both the statements are incorrect.**

HGVs are launched on rockets and then orbit the earth at their own speed. They are difficult to track because, unlike ballistic missiles, they “do not follow the fixed parabolic trajectory”.

India at present have no indigenous hypersonic glide vehicle missile. India too is working on hypersonic technologies. In September 2020, DRDO has successfully flight-tested the Hypersonic Technology Demonstrator Vehicle(HSTDV) with a capability to travel at 6 times the speed of sound.

Source: [China tested 'nuclear capable hypersonic missile', says report](#)

**Q.5)** With reference to **Light-Emitting Diodes**, consider the following statements:

1. These are semiconductor devices that emits light when an electric current is passed through it.
2. In default, all LEDs emit white light.

**Which of the statements given above is/are correct?**

- a) 1 only

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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

**Statement 1 is correct:** A light-emitting diode (LED) is a semiconductor device that emits light when an electric current is passed through it.

**Statement 2 is incorrect:** Conventional LED materials cannot emit white light and specialised techniques, such as coating blue LED with yellow phosphor and combining blue, green and red LEDs, have been used to produce white light.

Source: [IIT-Madras researchers design white light emitters for LED applications](#)

**Q.6)** With reference to **Mastitis**, consider the following statements:

1. Mastitis is an infectious disease condition resulting in an inflammatory reaction in the mammary gland of the cow.
2. These are caused only by the mycoplasma and fungus

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

**Statement 1 is correct:** Mastitis is an infectious disease condition resulting in an inflammatory reaction in the mammary gland of the cow.

**Statement 2 is incorrect:** There are a variety of microorganism species that are known to cause mastitis. These range from viruses, mycoplasma, fungus and bacteria.

Source: [Indigenous knowledge shared by Gujarat based farmer can combat Mastitis, an ailment of dairy cattle](#)

**Q.7)** With reference to **Gene-Editing**, consider the following statements:

1. It is the technology which has the ability to change an organism's Deoxy-Ribonucleic Acid (DNA).
2. This allow genetic material to be added, removed, or altered at particular locations in the genome.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation:**

**Statement 1 is correct:** Genome editing, also called gene-editing, is a group of technologies that give scientists the ability to change an organism's DNA

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**Statement 2 is correct:** These technologies allow genetic material to be added, removed, or altered at particular locations in the genome.

- It involves making cuts at specific DNA sequences with enzymes called '**engineered nucleases**' that can make a double stranded "cut" or a single stranded "nick" in an organism's DNA.
- After the DNA has been cut, a modified piece of DNA similar in sequence to the site of the cut is introduced by the enzyme named DNA ligase enzyme.
- The cell uses the modified piece of DNA as the template to repair the break, filling the break with a copy of the new DNA.

**Source:** [Gene editing guidelines facing delay](#)

**Q.8)** With reference to **Genetic Engineering Appraisal Committee**, consider the following statements:

1. It functions under the Ministry of Environment, Forest and Climate Change (MoEF&CC).
2. It is responsible for the appraisal of activities involving large-scale use of hazardous microorganisms and recombinants in research and industrial production.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation:**

**Both the statements are correct.**

It functions under the Ministry of Environment, Forest and Climate Change (MoEF&CC).

It is responsible for the appraisal of activities involving large-scale use of hazardous microorganisms and recombinants in research and industrial production from the environmental angle.

The committee is also responsible for the appraisal of proposals relating to the release of genetically engineered organisms and products into the environment including experimental field trials.

Source: [Gene editing guidelines facing delay](#)

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### Environment

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**Q.1)** With reference to **Ecological Threat Report (ETR)**, consider the following statements:

1. This is the first edition of the report and it assess only the natural disasters.
2. The report is released by the Institute for Economics & Peace.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** This is the second edition of the Ecological Threat Report (ETR), which analyses 178 independent states and territories. The report assesses threats relating to food risk, water risk, rapid population growth, temperature anomalies and natural disasters.

**Statement 2 is correct:** Institute of Economics and Peace (IEP), an international think tank has released the “Ecological Threat Report (ETR) 2021”. IEP is one of the world’s leading think tanks headquartered in Sydney, Australia. It also releases reports such as the Global Peace Index and Global Terrorism Index.

Source: [Around 1.3 billion people at high risk of conflict and displacement: Report](#)

**Q.2)** Manas National Park is situated in which of the following states?

- a) Assam
- b) Meghalaya
- c) Arunachal
- d) Sikkim

**Correct Answer: A**

**Explanation:**

- Manas NP is located in Assam.

Source: [Article](#)

**Q.3)** *Allium negianum* sometimes seen in news is a species of?

- a) Onion
- b) Fish
- c) Ginger
- d) Frog

**Correct Answer: A**

**Explanation**

- It is a species of Onion discovered recently from Uttarakhand.

Source: [Article](#)

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**Q.4)** With reference to **Bengal florican**, consider the following statements:

1. It is listed as Endangered under the IUCN status.
2. It Is protected under Schedule-I of Indian Wildlife Protection Act 1972.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** Bengal floricans (*Houbaropsis bengalensis*) are also called Bengal bustards. They inhabit lowland dry, or seasonally inundated, natural and semi-natural grasslands often interspersed with scattered scrub or patchy open forest.

**IUCN Status:** Critically Endangered

**Indian Wildlife Protection Act, 1972:** Schedule-I

**Convention on Migratory Species (CMS):** Appendix 1

**Source:** [Development projects threaten Bengal florican habitat in Assam](#)

**Q.5) D'Ering Wildlife Sanctuary**, is situated in which of the following state:

- a) Assam
- b) Arunachal Pradesh
- c) Meghalaya
- d) Tripura

**Correct Answer B**

**Statement B is correct:** D'Ering Memorial Wildlife Sanctuary is a protected area in Arunachal Pradesh

**Source:** [Development projects threaten Bengal florican habitat in Assam](#)

**Q.6) Georissa mawsmiensis sometimes seen in news is a species of?**

- a) Snail
- b) Fish
- c) Butterfly
- d) Frog

**Correct Answer: A**

**Explanation**

- It is a micro snail species discovered in Meghalaya.

**Source:** [DTE](#)

**Q.7) The production gap report is released by which of the following?**

- a) UNFCCC
- b) IEA
- c) UNEP
- d) IRENA



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**Correct Answer: C**

**Explanation:**

- Production Gap Report is released by leading research institutes and the UN Environment Programme (UNEP)

**Source:** [DTE](#)

**Q.8)** With reference to Arctic and Antarctic, consider the following statements:

1. There are no Polar Bears in Arctic region.
2. There are no Penguins in Antarctic region.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: D**

**Explanation:**

**Both are incorrect.**

Statements are interchanged.

**Reasons for No Polar Bear in Antarctica:** The main reasons there are no polar bears in Antarctica are evolution, location and climate. Bears evolved on the planet after Antarctica broke away (Plate Tectonics) from the other continents, and after that they had no easy way of getting there.

**Reasons for No Penguins in Arctic:** In the North Pole, predators such as polar bears and arctic foxes would limit their survival. There is no water in the north pole for them to hunt because the ice is so thick. Even if there was a hole in the ice, the penguins cannot get back up through the hole they went down in.

Further, migrating through warmer waters to reach the northern and southern hemisphere is almost impossible for penguins and polar bears respectively and could prove fatal for them.

Source: [Arctic melt: will polar bears vanish by 2100?](#)

**Q.9)** With reference to Central Water Commission (CWC), consider the following statements:

1. It works as an attached office of Ministry of Jal Shakti.
2. It handles issues related to both surface water and ground water in India.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation**

- **Statement 1 is correct**
- **Statement 2 is incorrect:** CWC deals with only surface water. Central Groundwater Board (CGWB) handles ground water.

**Source:** [Article](#)



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**Q.10) Aborichthys uniobarensis, Aborichthys barapensis and Aborichthys palinensis some times seen in news belong to which of the following species?**

- a) Fish
- b) Butterfly
- c) Frog
- d) Eel

**Correct Answer: A**

**Explanation**

- These are new species of fish discovered in Arunachal Pradesh.

**Source:** [DTE](#)

**Q.11) With reference to Plastic pollution, consider the following statements:**

1. The main sources of marine litter and plastic pollution are land-based.
2. Plastic has the capability to alter global carbon cycling.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: c**

**Explanation**

**Both statements are correct.**

- **Statement 1 is correct:** The main sources of marine litter and plastic pollution are land-based. Approximately 7,000 million of the estimated 9,200 million tonnes of cumulative plastic production between 1950 and 2017 became plastic waste.
- **Statement 2 is correct:** Plastic can also alter global carbon cycling through its effect on plankton and primary production in marine, freshwater and terrestrial systems.

**Source:** [Article](#)

**Q.12) Debrigarh Wildlife Sanctuary as seen in news is located in which of the following states?**

- a) Assam
- b) Odisha
- c) Jharkhand
- d) Bihar

**Correct Answer: B**

**Explanation**

- Debrigarh WLS is located in Odisha.

**Source:** [Article](#)

**Q.13) With reference to Asiatic Cheetah, consider the following statements:**

1. It is listed as Endangered under the IUCN (International Union for Conservation of Nature) list.
2. It is officially declared extinct in India.

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**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** It is listed as Critically Endangered under the IUCN list.

**Statement 2 is correct:** Asiatic Cheetah were wiped out in India by Hunting, a gradual decline in prey base and habitat destruction. The last cheetah was shot in 1947 and animal was officially declared extinct in India in 1952.

**Source:** [LiveMint](#)

ForumIAS

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### Art and Culture

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**Q.1)** With reference to **Museum Rietberg**, consider the following statements:

1. It is the art museum for non-European art.
2. It is located in Norway.
3. The museum has opened a new partnership initiative meant for scholars, curators and artists who specialise in Indian painting.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 3 only
- c) 2 only
- d) 1 and 2 only

**Correct Answer: A**

#### **Explanation**

**Statement 1 is correct:** Museum Rietberg was founded in 1952. It is the only art museum for non-European art in Switzerland, and houses collections from Asia, Africa, the Americas, and Oceania.

**Statement 2 is incorrect:** The museum is located in Zurich, Switzerland.

**Statement 3 is correct:** The museum has recently opened a GBF Centre, which is a public-private partnership initiative meant for scholars, curators and artists who specialise in Indian painting.

Source: [Research centre for Indian art set up in Zurich museum](#)

**Q.2)** With reference to **Martand Sun Temple**, consider the following statements:

1. The temple is much older than Konark and Modhera.
2. The temple was built during the Lohara Dynasty.
3. The temple was destroyed by the orders of Muslim ruler Zain-ul-Abdin.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 1 only
- c) 3 only
- d) 1 and 2 only

**Correct Answer: B**

#### **Explanation**

**Statement 1 is correct:** The temple is one of the earliest known sun temples, much older than Konark and Modhera.

**Statement 2 is incorrect:** The temple was built by the third ruler of the Karkota Dynasty, Lalitaditya Muktapida, in the 8th century CE.

**Statement 3 is incorrect:** However, the temple is now in ruins, as it was destroyed by the orders of Muslim ruler Sikandar Shah Miri.

Source: [Union Minister inaugurates 250mm Seer Water supply scheme in Kashmir and visited Martand Sun Temple](#)

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**Q.3)** With reference to **Calendars**, consider the following statements:

1. Gregorian calendar is the calendar used in most of the world.
2. Saka Calendar, which was based on the lunisolar system, was adopted as the National Calendar of India in 1957.
3. In lunar calendars months are lunar, but years are solar.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 1 only
- c) 3 only
- d) 1 and 2 only

**Correct Answer: D**

**Explanation:**

**Statement 1 is correct:** Gregorian calendar is the calendar used in most of the world. It was introduced in 1582 by Pope Gregory XIII as a minor modification of the Julian calendar. The calendar is based on the solar cycle.

**Statement 2 is correct:** Kushana king Kanishka is believed to have created a calendar that came to be known as the Saka Calendar. It is based on the lunisolar system. It was adopted as the National Calendar of India in 1957 after recommendation by a committee headed by eminent scientist Meghnad Saha.

**Statement 3 is incorrect:** In Lunar calendars, the dating system is based on a year consisting of synodic months—i.e., complete cycles of phases of the Moon. It is in the lunisolar calendar, months are lunar, but years are solar.

Source: [Bhaskarabda to be added to official Assam calendar](#)

## 10 PM Compilation for the Month of October (Third Week), 2021

### Economy

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**Q.1) Justice Dharmadhikari report** was recently seen in news. The report is related to which of the following?

- a) Creation of National Infrastructure Master Plan
- b) Innovation in Telecom sector
- c) Privatization of Air India
- d) Reviving loss making Discoms

**Correct Answer: C**

**Explanation:**

The airline was losing Rs 20 crore each day with its debt having mounted to Rs 65,562 crore by August, 2021. As a result, it had lost more than Rs 5,000 crore each year since 2016. Its accumulated losses of Rs 70,875.98 crore resulted in the complete erosion of the net worth of the company.

The Air India also has outstanding employee dues of Rs 1,332 crore as per the Justice Dharmadhikari report with employee benefit expenses being above Rs 3,000 crore each year.

Source: [Air India sale opens up a brighter future for aviation](#)

**Q.2) With reference to nuclear power plants in India**, consider the following statements:

1. Nuclear power currently provides only 3% of India's total electricity demands.
2. Currently, there are 22 operational reactors in India.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation:**

**Both the statements are correct.**

Nuclear power is considered by many as being the only source of energy suitable to support continuous industrialisation and urbanisation. But it currently provides only 3% of India's total electricity.

Nuclear Power Corporation of India Limited (NPCIL) is the public sector enterprise under the Department of Atomic Energy entrusted with the task of nuclear power generation in the country.

Currently, there are 22 operational reactors in India with a total installed capacity of 6780 MWe (Megawatts electric).

Source: [\[Yojana October Summary\] Energy Security: Nuclear Power – Explained, pointwise](#)

**Q.3) With reference to Catastrophe bonds**, consider the following statements:

1. These bonds provide options for insurers, reinsurers, global corporations and even governments as a way to protect themselves against natural disasters.
2. The rate of return under these bonds is higher than that of normal government or corporate bonds.

## 10 PM Compilation for the Month of October (Third Week), 2021

3. One of the drawbacks is the high cost of issuing and managing these bonds as compared to the cost of reinsuring against the risks.

**Which of the statements given above is/are correct?**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 1, 2 and 3

**Correct Answer: A**

**Explanation**

- **Statement 1 and 2 are correct**
- **Statement 3 is incorrect:** The cost of issuing and managing Cat bonds is lower than the cost of reinsuring against risks.

**Source:** [Article](#)

**Q.4)** With reference to **India's nuclear programme**, consider the following statements:

1. Dr. Homi J Bhabha envisioned the road map of the two-stage nuclear program.
2. The program had been conceived with the ultimate objective of utilising the country's vast reserves of thorium-232.
3. India used Pressurized Heavy Water Reactors (PHWRs) in second stage of nuclear power production.

**Which of the statements given above is/are correct?**

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) 1 and 2 only

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** Dr. Homi J Bhabha envisioned the road map of the three-stage nuclear program.

**Statement 2 is correct:** The program had been conceived with the ultimate objective of utilising the country's vast reserves of thorium-232.

**Statement 3 is incorrect:** India used Pressurized Heavy Water Reactors (PHWRs) in the first stage of nuclear power production.

**Source:** [\[Yojana October Summary\] Energy Security: Nuclear Power – Explained, pointwise](#)



## 10 PM Compilation for the Month of October (Third Week), 2021

### Government Schemes and Initiatives

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**Q.1) Operation Green Hunt**, is related to which of the following:

- To evacuate Indian citizens from Taliban hit Afghanistan
- To stabilize the supply of TOP (Tomato, Onion, Potato) crops
- To assist the population of Madagascar affected by Cyclone Diane.
- To counter Naxalism

**Correct Answer D**

#### Explanation

**Statement d is correct:** Operation Green Hunt: It was started in 2010 and massive deployment of security forces was done in the Naxal-affected areas. From 223 districts that were affected due to naxalism in the year 2010, the number has come down to 90 in nine years.

The government even started 'Relief and Rehabilitation Policy' for bringing Naxalites into mainstream.

**Source:** [Indian Express](#)

**Q.2)** With reference to **PM Garib Kalyan Yojana**, consider the following statements:

- It provides an insurance cover of Rs 20 lakhs per health worker affected by COVID-19.
- Aim of this scheme is to help the poor to fight the battle against Corona Virus.

**Which of the statements given above is/are correct?**

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

**Correct Answer: B**

#### Explanation

**Statement 1 is incorrect:** Insurance cover of Rs **50 Lakh** per health worker fighting COVID-19 to be provided under Insurance Scheme

**About PM Garib Kalyan Yojana:** PMGKAY is a part of Pradhan Mantri Garib Kalyan Package (PMGKP) to help the poor fight the battle against Covid-19. Its nodal Ministry is the Ministry of Finance.

- Insurance cover of Rs 50 Lakh per health worker fighting COVID-19 to be provided under Insurance Scheme - extended for one year effective April 2021
- 80 crore poor people will to get 5 kg wheat or rice and 1 kg of preferred pulses for free every month for the next three months - extended to November 2021 (initially, the package was extended to May & June 2021; originally, it was extended to November 2020)
- 20 crore women Jan Dhan account holders to get Rs 500 per month for next three months
- Increase in MNREGA wage to Rs 202 a day from Rs 182 to benefit 13.62 crore families
- An ex-gratia of Rs 1,000 to 3 crore poor senior citizen, poor widows and poor disabled
- Government to front-load Rs 2,000 paid to farmers in first week of April 2020 under existing PM Kisan Yojana to benefit 8.7 crore farmers
- Central Government has given orders to State Governments to use Building and Construction Workers Welfare Fund to provide relief to Construction Workers.

## 10 PM Compilation for the Month of October (Third Week), 2021

Source: [PIB](#)

**Q.3) Ayush Van** was recently initiated by the government. It is initiated in which of the following state?

- a) Assam
- b) Arunachal Pradesh
- c) Gujarat
- d) Kerala

**Correct Answer: C**

### **Explanation**

Ayush Van is a dedicated forest for Ayurvedic plants. It is located at the Deendayal Port Trust (DPT) in Kutch, Gujarat.

The Ayush Van was set up in 30 acres of land allotted by DPT in a green-belt area. The tree plantation is done to improve greenery in urban areas and increase the density of tree cover in the Kutch region.

Source: [Union Ayush Minister inaugurates 'Ayush Van' in Gandhidham](#)

**Q.4) With reference to Atal Innovation Mission, consider the following statements:**

- 1. Its aim is to promote innovation and entrepreneurship across the country.
- 2. It is the initiative launched by Ministry of Science and Technology.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer A**

### **Explanation**

**Statement 1 is correct:** Its aim is to develop new programmes and policies for fostering innovation in different sectors of the economy. It provides platform and collaboration opportunities for different stakeholders, create awareness and create an umbrella structure to oversee the innovation ecosystem of the country.

**Statement 2 is incorrect:** Atal Innovation Mission (AIM) is a flagship initiative of NITI Aayog.

Source: [PIB](#)

**Q.5) With reference to Veer Gatha Initiative, consider the following statements:**

- 1. Under this, government will setup a dedicated TV channel to make people aware of gallantry award winners.
- 2. This initiative is launched under Ministry of Home Affairs.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

## 10 PM Compilation for the Month of October (Third Week), 2021

**Correct Answer: D**

### **Explanation**

**Statement 1 is incorrect:** Under the initiative, school students across the country will prepare projects in the form of poems, paintings, essays or multimedia presentations on the lives of gallantry award winners. The initiative also aims to celebrate the valiance and courage of armed force officers and personnel. Students of Class 3rd to 12th can participate in the initiative.

**Statement 2 is incorrect:** Ministry of Education along with the Ministry of Defence launched this initiative.

**Source:** [School students to prepare projects on lives of gallantry award winners under 'Veer Gatha' initiative](#)

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## 10 PM Compilation for the Month of October (Third Week), 2021

### Modern History

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**Q.1)** With reference to **Sir Syd Ahmad Khan**, consider the following statements:

1. He was the founder of Aligarh Muslim University.
2. He founded the magazine Tahzebul Akhlaq.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

#### Explanation

**Statement 1 is correct:** In 1877, he founded the Muhammadan Anglo Oriental College on the pattern of Oxford and Cambridge universities. The college later grew into Aligarh Muslim University.

**Statement 2 is correct:** Tahzebul Akhlaq (Social Reformer in English), a magazine founded by him, tried to awaken people's consciousness on social and religious issues in a very expressive prose. He has also written a pamphlet titled "The Causes of the Indian Revolt" to explain the reasons for the revolt from a Indian perspective.

**Source:** [The Hindu](#)

**Q.2) Bucher files sometimes seen in news is associated with?**

- a) Period of National Emergency in India
- b) Accession of Jammu & Kashmir to India
- c) Partition of India
- d) Sikh Riots of 1984

**Correct Answer: B**

#### Explanation

- These papers reportedly deal with the accession of Jammu & Kashmir to India.

**Source:** [Article](#)

**Q.3)** With reference to **Sir Syed Ahmad Khan**, consider the following statements:

1. When Sir Syed established a madrasa in Ghazipur, he elected Raja Dev Narayan Singh as patron of the school.
2. The first managing committee of Muhammadan Anglo Oriental College do not comprise any Hindu persons.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

## 10 PM Compilation for the Month of October (Third Week), 2021

**Correct Answer: A**

**Explanation:**

Recently Aligarh Muslim University completed 100 years of its foundation. Its founder, Sir Syed Ahmad Khan was a true advocate of Hindu Muslim unity.

**Statement 1 is correct:** When Sir Syed established a madrasa in Ghazipur, he elected Raja Dev Narayan Singh as patron of the school. Sanskrit was one of the five languages taught at this school.

**Statement 2 is incorrect:** The managing committee of MAO College comprised 22 members of whom nine were Hindus.

Sir Syed also laid the foundation of comparative religious studies and revived the spirit of Dara Shikoh's philosophy — to bring major communities of India together by finding commonalities in their religions.

Source: [The founder of a Mini India](#)

**Q.4)** With reference to **Veer Savarkar**, consider the following sentences:

1. He was the author of book History of war of Indian Independence in which he wrote about guerilla warfare tricks.
2. He was the founder of Free India Society.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation**

**Statement 1 is correct:** He authored a book "The History of the War of Indian Independence" in which he described the Indian Revolt of 1857 and referred to British rule as unjust and oppressive. He became one of the first persons to allude to this revolt as India's 'first war of independence'. This book was banned in India but its secret publication and distribution were done.

**Statement 2 is correct:** He founded the Free India Society. The Society celebrated important dates on the Indian calendar including festivals, freedom movement landmarks, and was dedicated to furthering discussion about Indian freedom.

**Source:** [Gandhi and Savarkar shared goal of independence, differed on means](#)

## 10 PM Compilation for the Month of October (Third Week), 2021

### MISCELLANEOUS

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**Q.1) With reference to Unetice culture, consider the following statements:**

1. It inhabited parts of Europe around 1600 BC.
2. The distinguishing feature of this culture was its use of tin-bronze metallurgy.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation**

**Both statements are correct.**

**Explanation**

- The Unetice culture inhabited parts of Europe around 1600 BC. It comprised early Bronze Age communities in central Europe including in Bohemia, Bavaria, southeastern Germany and western Poland.
- The Concise Oxford Dictionary of Archaeology notes that one of the distinguishing features of this culture was its use of tin-bronze metallurgy. Some of the metal artefacts made during this time by communities in the Unetice culture include ogival and triangular daggers with metal hilts, flanged axes, halberds, spiral arm-rings, solid bronze bracelets and varieties of pins.

**Source:** [Article](#)



## 10 PM Compilation for the Month of October (Third Week), 2021

### GEOGRAPHY

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**Q.1) Ellesmere Island as seen in news is located in which of the following?**

- a) UK
- b) Australia
- c) Canada
- d) Norway

**Correct Answer: C**

**Explanation**

- The island has been in news as a part of the Arctic's ice called "Last Ice Area" has started showing signs of melting earlier than what the scientists had expected.
- The Last Ice Area is located north of Greenland and in Ellesmere Island in the Canadian territory of Nunavut.

**Source:** [Article](#)

**Q.2) Wah blei is a tributary of which of the following rivers?**

- a) Kynshi
- b) Dihang
- c) Kopili
- d) Longai

**Correct Answer: A**

**Explanation**

- Wah blei is the right bank tributary of Kynshi river. Kynshi river is in news due to the Mawsmi cave where a microsnail species was discovered recently.
- Mawsmi cave is situated in the small village of Mawsmi, around four kilometres from **Cherrapunjee** (Sohra) in the East Khasi Hills district of **Meghalaya**.
- The term 'Mawsmi' means 'Oath Stone' in the Khasi language. The Khasi people use the local term 'Krem' for the cave.
- The cave is located at an altitude of 1,195 metres above sea level and is indirectly influenced by the streams of the **Kynshi river** originating from the **East Khasi Hills**.

**Source:** [Article](#)

**Q.3) With reference to La Nina, consider the following statements:**

1. It represents warming of ocean surface temperatures in the central and eastern equatorial Pacific Ocean.
2. In India, this condition will lead to very less rainfall and a period of droughts.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

## 10 PM Compilation for the Month of October (Third Week), 2021

### **Correct Answer D**

#### **Explanation**

**Statement 1 is incorrect:** It means the large-scale cooling of ocean surface temperatures in the central and eastern equatorial Pacific Ocean, together with changes in the tropical atmospheric circulation, namely winds, pressure and rainfall. It has the opposite impacts on weather and climate as El Niño, which is the warm phase of the El Niño Southern Oscillation (ENSO).

**Statement 2 is incorrect:** In India, La Niña means the country will receive more rainfall than normal, leading to floods

**Q.4) Mount Harriet**, in news, is related to which of the following state:

- a) Madhya Pradesh
- b) Lakshadweep
- c) Andaman and Nicobar Island
- d) Himachal Pradesh

### **Correct Answer C**

#### **Explanation:**

**Statement c is correct:** Recently, the Union government has renamed Mount Harriet of Andaman and Nicobar (A&N) Islands to Mount Manipur.

Mount Harriet, the third-highest island peak in A&N Islands, where Manipur's Maharaja Kulchandra Singh and 22 other freedom fighters were imprisoned during the Anglo-Manipuri war (1891). It has been renamed in a tribute to those freedom fighters of Manipur. Manipur celebrates Khongjom Day on 23<sup>rd</sup> April in commemoration of the freedom fighters of Anglo-Manipuri War.

**Source:** [Indian Express](#)

**Q.5) Mawsmi cave** was recently seen in news. The cave is located in which of the following state?

- a) Assam
- b) Meghalaya
- c) Kerala
- d) Maharashtra

### **Correct Answer: B**

#### **Explanation:**

Researchers have recently discovered a micro snail species named *Georissa mawsmiensis* from Mawsmi, a limestone cave in Meghalaya.

Mawsmi cave is situated in the small village of Mawsmi, around four kilometres from Cherrapunjee (Sohra) in the East Khasi Hills district of Meghalaya.

The term 'Mawsmi' means 'Oath Stone' in the Khasi language. The Khasi people use the local term 'Krem' for the cave.

The cave is located at an altitude of 1,195 metres above sea level and is indirectly influenced by the streams of the Kynshi river originating from the East Khasi Hills.

Source: [Micro snail species discovered in Meghalaya's Mawsmi cave](#)

## 10 PM Compilation for the Month of October (Third Week), 2021

### ANCIENT HISTORY

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**Q.1) With reference to Bhaskarabda era, consider the following statements:**

1. It began when Bhaskaravarman was crowned ruler of the Kamrupa kingdom.
2. It uses a lunisolar system based on both the phases of the moon and the solar year.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation**

**Both statements are correct.**

- Bhaskarabda began when Bhaskaravarman was crowned ruler of the Kamrupa kingdom. He was a contemporary and political ally of northern Indian ruler Harshavardhana.
- Unlike the Gregorian, where a day starts at midnight, the Assamese calendar begins and ends at sunrise over 24 hours. While the Gregorian goes by the solar cycle, the Saka and Bhaskarabda use a lunisolar system based on both the phases of the moon and the solar year.

**Source:** [The Hindu](#)

**Q.2) With reference to Nebra Sky Disc, consider the following statements:**

1. It is the mission launched by NASA to study the movement of stars.
2. It is part of NASA's Living with a Star Program.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: D**

**Explanation**

**Both the statements are incorrect.**

**About Nebra Sky Disc:** The Nebra Sky Disc is not any mission but an **artifact that belong to 1600 BCE**. It is the **oldest map of stars found on the earth**. The disk is made up of bronze. It is 30 centimetres in diameter. The weight of the disk is 2.2 kilograms. It has a blue-green colour. Also, it has gold symbols laid. The symbols interpret sun, full moon, a lunar crescent and stars.



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**Significance:** The disc projects the astronomical knowledge of European people belonging to bronze age. The disc has precise measurements of angle between rising and setting points of the sun at summer and winter solstice. It also depicted the yearly course of the sun.

**Source:** [Nebra Sky Disc: The oldest map of stars that will be displayed at British Museum](#)



## 10 PM Compilation for the Month of October (Third Week), 2021

### **POLITY**

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**Q.1) With reference to legal provisions regarding Parole and furlough in India, consider the following statements:**

1. In India, parole as well as furlough are covered under the Prisons Act of 1894.
2. Prisoners convicted of multiple murders are also eligible for parole.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

- **Statement 1 is correct**
- **Statement 2 is incorrect:** Prisoners convicted of multiple murders or under the anti-terror Unlawful Activities Prevention Act (UAPA) are not eligible for parole.

**Source:** [Article](#)